

(11) Publication number: 0 628 719 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 94304042.8

(22) Date of filing: 06.06.94

(51) Int. CI.⁵: **F02P 3/08,** F02P 9/00

(30) Priority: 11.06.93 GB 9312108

43 Date of publication of application : 14.12.94 Bulletin 94/50

84 Designated Contracting States : **DE FR GB IT**

88) Date of deferred publication of search report: 14.06.95 Bulletin 95/24

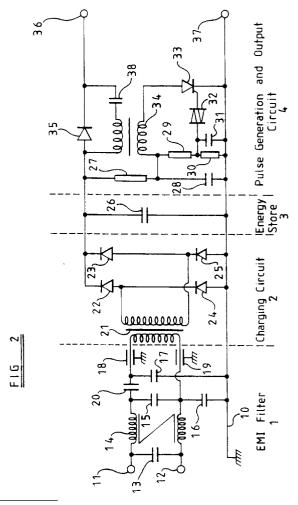
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(54) Ignition apparatus employing a lower voltage capacitor discharge self-triggering circuit.

(26) to a first voltage and a second capacitor (28), via a potential divider (27,29,30) to a second voltage smaller than the first voltage. A self-trigger circuit (29-32) repeatedly triggers a thyristor (33) which discharges the second capacitor (28) into the primary winding of a pulse transformer (34) whose secondary winding is connected across a diode (35) in series with the first capacitor (26) between output terminals (36,37). The discharge of the second capacitor (28) initiates whereby the first capacitor (26) maintains the discharge in an igniter plug. Thus reducing the voltage stress over the trigger thyristor (33).



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EUROPEAN SEARCH REPORT

Application Number EP 94 30 4042

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X : part Y : part docu A : tech	CATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another ment of the same category nological background -written disclosure	T: theory or principle E: earlier patent doc after the filing da D: document cited in L: document cited for	e underlying the ument, but publi te the application r other reasons	invention ished on, or